

## GALLATIN WORK DESCRIPTION

### Scope of Construction Activities: In order of suggested occurrence

1. Locate Utilities and Existing Lines: This includes but is not limited to existing utilities and piping indicated in the plans that maybe in conflict with construction activities. All utilities shown are done so with the information that was provided.
2. Clearing and Grubbing: Contractor to clear and grub the pine trees as indicated on the drawings. Cut pine trees into manageable sections and dispose of onsite as per MODOT'S direction.
3. Lateral Field Piping Installation from Septic Tank: Locate the connection point where the piping from the oil/water separator and septic tank by the maintenance building meet. Locate a point on the septic tank piping upstream of the connection according to the plans in which to make the new connection. DO NOT make the connection until the new lateral field is complete. This will ensure minimal down-time for plumbing use. Excavate trench and install piping. The contractor will need to determine in the field whether to install pipe above or below the existing utilities.
4. Lateral Field: Excavation of the cut material should be done in a way to limit any compaction on the bottom of the cut. Excavated material should be set aside to the west of the new lateral field, preferably on top of the cleared and grubbed trees. Upon completion of the excavation, proceed with the lateral field installation. Place a final 1"-2" layer of loamy soil over the lateral field mound and bring to a smooth grade. Cut the cleanout risers to appropriate height and install threaded caps. Commence with fertilizing, mulching, and seeding as described in the seeding and mulching requirements on Sheet 2. Make the septic tank connection to the new lateral field and plug old connection.
5. Storage Tank Piping from Oil/Water Separators: Locate the T-intersection according to the plans. A new connection to the storage tank shall be made downstream of the intersection of the two pipes. DO NOT make the connection until the storage tank and alternative pump is installed. Trench and install storage tank piping according to the plans.
6. Electrical Supply from Cold Storage Building: Trench and install conduit and wiring according to plans. DO NOT connect to electrical panel in the cold storage building until the optional pump, monitoring system, and control panel have been installed.
7. Storage Tank Installation: The contractor shall identify the exact location of the storm line running north to south as indicated on the plans as to not damage during excavation. Excavate the appropriate depth for the storage tank according to the project requirements. Place gravel bedding accordingly and ensure grade is level. Install storage tank according to project requirement. Connect the inlet piping. Install conduit and wiring from storage tank to connect to the control panel. Install the alternative pump base, guiderail system, and discharge piping for the pumping station. Install the discharge pipe that is to be exposed above ground to a height great enough that it can be cut down to appropriate size when the storage tank install is complete. Backfill and grade appropriately. Ensure proper compaction of earth backfill. Dispose of extra excavated material on site per MODOT's direction. Fertilize, seed, and mulch

disturbed areas according to seeding and mulching requirements. Make piping connection from the oil/water separators and plug and abandon existing lateral field in place.

8. Control Panel: Install the control panel in accordance with the details on plans. Make electrical connections from the cold storage building and to the optional pump and monitoring system.
9. Pump and Monitoring System: Install the optional pump and level monitor in the tank. Connect both the pump and electrical monitor to the electrical supply from the control panel. Once all electrical connections are made to the pump, level monitor, and control panel. Proceed with hooking up to panel in the cold storage building.
10. Truck Loading Station: Excavate earth around the discharge pipe and install concrete base, sleeve, and angle iron guards according to the details. Install the remaining PVC fittings, adjustable straps, and cam lock coupling.
11. Bollards: Install bollards according to detail.
12. Restoration: Properly seed and mulch all areas of disturbed earth due to construction related activities.